## FLAME-RESISTANT POLYCARBONATE COMPOSITIONS

## ABSTRACT OF THE DISCLOSURE

The invention relates to flame-resistant polycarbonate compositions comprising a phosphorus compound of the general formula (I),

$$R^{1} = (O)_{n} = P = O = (Q)_{n} = (Q)_{n}$$

With reference to general formula (I):  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  are each independently selected from (i)  $C_1$  to  $C_8$  alkyl optionally substituted by halogen, (ii)  $C_5$  to  $C_6$  cycloalkyl, (iii)  $C_6$  to  $C_{10}$  aryl and (iv)  $C_7$  to  $C_{12}$  aralkyl, each of (ii)-(iv) being optionally and independently substituted by at least one of halogen and  $C_1$  to  $C_4$  alkyl; n is 0 or 1; q is 0, 1, 2, 3 or 4; N is 0.1 to 5;  $R^5$  and  $R^6$  are each independently selected from  $C_1$  to  $C_4$  alkyl and halogen; and Y denotes isopropylidene. The phosphorous compound represented by general formula (I) comprises less than 1 wt. % of isopropenylphenyl phosphate, based on the weight of the phosphorous compound represented by general formula (I).